ATTORNEY'S DOCKET NO. TI-35811

APPLICATION FOR UNITED STATES PATENT

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a);

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TITLE OF INVENTION:	CIRCUIT AND METHOD TO PROTECT EEPROM DATA DURING ESD EVENTS				
POWER OF ATTORNEY:	I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH				
	Customer Number: 23494				
SEND CORRESPONDENCE TO: Dan Swayze		DIRECT TELEPHONE CALLS TO:			
Texas Instruments Incorporated		Dan Swayze			
P. O. Box 655474, M/S 3999	,	972-917-5633			
Dallas, Texas 75265	<u> </u>				
NAME OF INVENTOR: (1)	NAME OF INVENTOR: (2)	NAME OF INVENTOR: (3)			
Alaa Y. El-Sherif	Robert W. Mounger				
RESIDENCE (City and State Only)	RESIDENCE (City and State Only)	RESIDENCE (City and State Only)			
Plano, Texas	Dallas, Texas				
POST OFFICE ADDRESS	POST OFFICE ADDRESS	POST OFFICE ADDRESS			
2516 Brycewood Lane	2323 Old Mill Rd.				
Plano, Texas 75025	Dallas, Texas 75287				
COUNTRY OF CITIZENSHIP:	COUNTRY OF CITIZENSHIP:	COUNTRY OF CITIZENSHIP:			
EGYPT	USA				
SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:			
Alaa Elsheri L	Robert a Moure				
7/24/03	DATE: 7/24/03	DATE:			

FORM PTO-1595	RECORDATION FO	RM COVER SHEET	U.S. Department of Commerce			
Docket Number: TI-35811		ts Only	Patent and Trademark Office			
To the Ass't Commissioner for Patents. Please record the attached original documents or copy thereof.						
Name of conveying party(ies): Alaa Y. El-Sherif		Name and Address of Name: Texas	receiving party(ies): s Instruments Incorporated			
Robert W. Mounger		ľ	Box 655474 M/S 3999			
		'	s, TX 75265			
		Country: Unite Additional name(s) & add	d States of America dress(es) attached? Yes X No			
3. Nature of Conveyance:		Additional harneys) or auc	iless(es) attached: 1 cs _A 110			
J. Hataio of Control						
X Assignment	_Merger					
Security Agreement	_Change of Name					
Other						
Execution Date: July 24, 2003						
4. Application number(s) or patent number(s).					
_X This document is being filed together	with a new application.					
Execution Date of the application: Ju	ly 24, 2003					
Title: CIRCUIT AND METHOI	TO PROTECT EEP	ROM DATA DURI	NG ESD EVENTS			
A. Patent Application No.(s)		B. Patent No.(s)				
S.N Filed:		D. 1 40000110.(0)				
Additional number attached?	Yes X No	Additional numbers at	ttached?YesXNo			
Name and address of party to whom corr document should be mailed:	espondence concerning	6. Number of applications	and patents involved:(1)			
Dan Swayze						
Texas Instruments Incorporated						
P. O. Box 655474, M/S 3999						
Dallas, TX 75265 Tel: (972) 917-5633	ļ					
101. (712) 711-3033	ļ	7. Amount of fee author	ized to be charged: \$40.			
	j	8. Deposit Account No:				
DO NOT USE THIS SPACE						
9. Statement and signature.						
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.						
7-24-03) -	Mich +	-			
Date	-	Michael G. Ca	meron, Reg. No. 50,298			
Total Num	ber of Pages Including Cover	Sheet, Attachments and Do	ocument: 2			

ATTORNEY'S DOCKET NO. TI-35811

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at 7839 Churchill Way, M.S. 3999, Dallas, TX 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

Dynamic Control Timer Circuit and Method		
(1)Alaa Y. El-Sherif Alaa El Sheri	(2)Robert W. Mounger Robert Mourse	(3)
7/24/03	7/24/03	
Diana Callin Tana	Dallas Davida Tara	
	(1)Alaa Y. El-Sherif Alaa El Sheri	(1)Alaa Y. El-Sherif (2)Robert W. Mounger Alaa Elsherif Robert W. Mounger 7/24/03 7/24/03

After recording return Assignment to:

Dan Swayze
Texas Instruments Incorporated
P. O. Box 655474, M/S 3999

Dallas, TX 75265